

Instructions

- In this activity, you will generate a universally unique id (UUID) string using functions and module imports.
- See [link](#) for more info on UUIDs.
- Import the [random](#) and [string](#) modules.
- Create a function that returns a universally unique id (UUID).
 - The function should accept a parameter for uuid length with the default size of 4.
 - The function should accept a parameter for a string of characters.
 - This string of characters will be the alphabet used to generate the uuid.
 - For example, if we pass `'abcdef'`, the uuid can only consist of the letters 'abcdef'.
 - The length and characters parameters should be optional and have default values.
 - Define a default character alphabet using the constants provided by the [string module](#).
 - To select random characters for your uuid, use one of the functions available for sequence selection in the [random module](#) to randomly select a character from the alphabet.
- Complete the test function to generate a variety of UUIDs and print them to the console.

Hints

- Define a default character alphabet that combines ascii letters with digits.
- The random module has a function for making a random choice from an array. See the documentation on [functions for sequences](#).
- The code for the uuid function should create a list, append `length` random characters to the list, and then return the result of using `join` to create a string from it.

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